CURRICULUM VITA

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CITIZENSHIP: China

EDUCATION:

Ph.D.	Department of Mathematics, University of Arizona, August, 2001
M.S.	Department of Mathematics, University of Arizona, December, 1995
M.S.	Department of Systems and Industrial Engineering, Beijing University of Aeronautics and Astronautics, China, January, 1988
B.S.	Department of Mathematics, University of Science and Technology of China, July, 1985

CURRENT RESEARCH INTERESTS AND SPECIALIZATIONS:

Computer Arithmetic for Uncertainty Computation, Interval Computation, Differential Dynamical Systems, Dynamic Oligopolies in Economy, Mathematical Modeling, Operations Research, Applied Probabilitiy and Statistics

EXPERIENCE:

09/2001 – present	Postdoctoral Research Associate Los Alamos National Laboratory, Los Alamos, NM
05/1998 – 08/2001	Graduate Research Assistant Los Alamos National Laboratory, Los Alamos, NM
08/1994 – 05/1999	Graduate Teaching Assistant and Teaching Associate Department of Mathematics, The University of Arizona, Tucson, AZ
12/1993 – 12/1997	Edited Multivariable Calculus, an innovative undergraduate textbook sponsored by the Harvard-based Calculus Consortium Department of Mathematics, The University of Arizona, Tucson, AZ
01/1992 – 12/1992	Scholarship-Supported Member Up With People, USA and Europe
04/1988 – 07/1991	Lecturer Department of Economics and Management, Wuyi University, Jiangmen, China

PUBLICATIONS:

Journal Articles:

[1] "The stability of Nash-Cournot equilibria in labor-managed oligopolies", W. Li, and F. Szidarovszky (1999), *Southwest Journal of Pure and Applied Mathematics*, issue **1**, pp. 1-12.

[2] "An elementary result in the stability theory of time-invariant nonlinear discrete dynamical systems", W. Li, and F. Szidarovszky (1999), *Applied Mathematics and Computation*, vol. **102**, pp 35-49.

[3] "Notes on the stability of dynamic economic systems", W. Li, F. Szidarovszky, and Y. Kuang (2000), *Applied Mathematics and Computation*, vol. **108**, pp 85-89.

[4] "A note on the stability of a Nash-Cournot equilibrium: The multiproduct case with adaptive expectations", F. Szidarovszky, and W. Li (2000), *Journal of Mathematical Economics*, vol. **33**, pp 101-107.

[5] "On the stability of a class of homogeneous dynamic economic systems", W. Li, M. Rychlik, F. Szidarovszky, and C. Chiarella (2003), *Nonlinear Analysis: Theory, Methods & Applications*, vol. **52**, issue 6, pp. 1617-1636.

[6] "Computer arithmetic for probability distribution variables", W. Li, and J. M. Hyman (2003), *Reliability Engineering and System Safety*, in print.

[7] "Theory and implementation of probability distribution variables (PDV) arithmetic", W. Li, and J. M. Hyman (2003), in review.

[8] "Global attractivity of the Nash equilibria of a labor-managed oligopoly model", M. Rychlik, and W. Li (2003), preprint.

PEER REVIEW:

Refereed for the following journals:

- Naval Research Logistics
- Journal of Statistical Planning and Inference
- Computers and Mathematics with Applications
- Applied Mathematics Letters

COURSES TAUGHT:

At University of Arizona: Precalculus, Calculus I, II, III, Linear Algebra